

TREASURY DEPARTMENT.—PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.



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NOTICE.

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PUBLIC HEALTH REPORTS.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

Summary of work in Chinatown for the week ended December 19, 1903.

The following is received from Passed Assistant Surgeon Blue, under date of December 21:

Buildings reinspected.....	231
Rooms.....	1,818
Persons inspected.....	2,098
Sick inspected.....	31
Sick prescribed for at Oriental Dispensary.....	11
Dead examined.....	6
Necropsies.....	2
Rats examined bacteriologically.....	53
Number showing pest infection.....	None
Places limed and disinfected.....	996
Times streets swept.....	3
Sewers flushed.....	12
Notices served to abate plumbing nuisances.....	12
Plumbing nuisances abated.....	7
Undergoing abatement.....	8
Total number of plumbing inspections.....	95

REPORTS FROM THE MEXICAN BORDER.

Transactions on account of yellow fever at Laredo, Tex.

The following telegrams have been received from Assistant Surgeon Frick, at Laredo, Tex.:

DECEMBER 15, 1903.

Would respectfully recommend and request authority to discontinue the special inspection and oiling of water containers, as being no longer necessary at this time. With this arrangement can reduce expenses about \$7 per day. Request authority to purchase 500 pounds of insect powder and 1 barrel wood alcohol. Hamilton says he will require about 6 pounds insect powder and half a gallon of alcohol daily in disinfecting Pullmans. [Authority was given as requested.]

DECEMBER 16, 1903.

New Laredo, Minera, and Cannel report nothing. Fumigated 45 houses, containing 204 rooms; 578 containers, 25 wells, 5 tanks, and 39 premises oiled, and 257 premises inspected. Temperature, 55° and 36°.

DECEMBER 17, 1903.

Doctor Moore states Cannel has had 4 cases since September 1, last case occurring four days ago. No report from Minera. New Laredo

to-day raised quarantine on Laredo and infected points in Mexico. Reports from Laredo should show 1 case on December 15, 3 on December 16, and 1 to-day. Temperature, 63° and 52°. Fumigated 55 houses, containing 183 rooms; 435 containers, 21 wells, 4 tanks, and 39 premises oiled, and 324 premises inspected.

DECEMBER 18, 1903.

New Laredo, Minera, and Cannel report nothing. Fumigated 52 houses, containing 234 rooms; 380 containers, 9 wells, 4 tanks, and 43 premises oiled, and 197 premises inspected. Temperature, 72° and 58°. One case suspected yellow fever and 1 case reported. Saw a large and lively swarm of mosquitoes in the open just about dark to-day.

DECEMBER 19, 1903.

Nothing to report Laredo, New Laredo, Minera, or Cannel. Fumigated 39 houses containing 161 rooms; 348 containers, 16 wells, 3 tanks, and 38 premises oiled; 177 premises inspected. Temperature, 84° and 53°, and small insects flying around freely. Texas to-day raised her quarantine against Monterey.

DECEMBER 20, 1903.

Laredo, New Laredo, Minera, and Cannel report nothing; 294 containers, 14 wells, 7 tanks, and 33 premises oiled; 162 premises inspected. Fumigated 54 houses containing 209 rooms. Special inspection and oiling of water containers discontinued after this date. Services of 5 employees discontinued. Infected premises are receiving attention which to some extent has interrupted the progress of systematic post-epidemic disinfection. Feel that another reduction of 5 or 6 employees can be made by the 24th. Request authority to make this further reduction. Temperature, 68° and 37°.

REPLY.

Special inspection authorized to be discontinued.

WASHINGTON, December 19, 1903.

FRICK, Laredo, Tex.:

Authorized to discontinue special inspection and oiling water containers, etc., recommended in your telegram 15th. It will be necessary to continue screening of fever cases and disinfection of infected premises, but you should recommend the early discontinuance of as many assistants as you can spare.

WYMAN.

Influenza at Laredo.

DECEMBER 21, 1903.

New Laredo, Minera, and Cannel report nothing to-day. A case was reported in fifth day, convalescent. Doubt correctness of some of the recent diagnoses made. Influenza apparently prevalent, which I believe is confusing some of our diagnosticians. Fumigated 78 houses containing 242 rooms. Temperature 75° and 37°. Goodman leaves for Norfolk to-morrow morning.

December 25, 1903

Inspection at El Paso, Tex.

Acting Assistant Surgeon Alexander reports, December 15, as follows: Week ended December 12, 1903. Mexican Central passengers inspected, 180; Mexican immigrants inspected, 105; Syrians inspected, 6; Mexican laborers imported on board, 21; Chinaman inspected, 1; soiled linen imported for laundry disinfected, 352 pieces; immigrants and their children vaccinated, 9.

Inspection at Laredo, Tex.

Acting Assistant Surgeon Hamilton reports, December 12, as follows: Week ended December 5, 1903. Passenger trains inspected, 7; passengers inspected, 212; immigrants inspected, 4; immigrants vaccinated, 3; Pullman coaches disinfected, 7.

Week ended December 12, 1903: Passenger trains inspected, 7; passengers inspected, 199; immigrants inspected, 7; immigrants vaccinated, 3; Pullman coaches disinfected, 7.

Influenza at St. Louis, Mo.

Surgeon Gassaway reports, December 14, as follows: There is a very decided increase in the number of cases of influenza in this vicinity. Two have been admitted within the last few days to this hospital, and several cases have appeared among the patients under treatment.

No peculiar features other than those previously reported from this station have been observed.

In these cases the onset is sudden, and the disease appears, principally, at least at first, to be confined to the nose and throat.

The epidemic of typhoid fever at Butler, Pa.

TREASURY DEPARTMENT,
PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE,
Washington, December 16, 1903.

SIR: I have the honor to make the following report, in obedience to instructions contained in Bureau letter of December 2, 1903, on typhoid fever at Butler, Pa. On account of illness contracted while on this duty, the report has been unavoidably delayed.

My instructions stated that I was simply to be an observer, to obtain facts necessary to answer inquiries from persons interested, and to definitely determine whether the disease prevailing in Butler was typhoid, and whether there was not also some other epidemic disease present.

I arrived at Butler on the morning of the 3d and at once called on the mayor, who stated that he was glad to see me and referred me to the secretary of the relief committee. I met Doctors Batt and McKee, representatives of the State board of health, and several of the local physicians. On account of the physicians not being required to report cases of typhoid fever, it was impossible to obtain accurate statistics; but from the returns collected by Doctor Batt I found that there were

1,123 cases of typhoid fever in the city on December 1, and 40 cases had been reported from the 1st to the 3d. Twenty-four deaths had occurred during November from typhoid. As showing the beginning of the epidemic and the increase in cases from week to week, the following list of cases, taken from the call book of one of the local physicians, is of interest:

	Cases
Under treatment, week beginning November 1	1
Under treatment, week beginning November 8	7
Under treatment, week beginning November 15	19
Under treatment, week beginning November 22	29
First five days, week beginning November 29	40

I was enabled to see 61 cases in which the diagnosis of typhoid fever had been made. Some had only been sick three days and some as long as four weeks. I examined many of them most carefully and was able to arrive at the opinion that all were cases of typhoid fever of varying degrees of severity. I took blood from a number of cases with which to try the Widal test; some cases were only three days sick and others in the beginning of the fourth week. About 75 per cent gave a positive reaction, which percentage, I think, considering the mildness and early stage of some, is about the average usually found. None of the cases seen by me, in my opinion, was any other disease than typhoid, nor was I able to learn of any disease other than the usual diseases ordinarily prevailing.

I think a few words about the events leading to the epidemic and its continuance, while not covered by my instructions, might be of interest. The water supply of the town is furnished by a company which obtained its water previous to August 28 by damming the Conoquenessing Creek at Boydstown, $7\frac{1}{2}$ miles above Butler. The water collected by this dam is brought to the outskirts of Butler in terra-cotta pipes, passed through a mechanical filter before entering the reservoir, whence it is distributed to the city. On August 28 the Boydstown dam was carried away, and the water company sunk a well in the creek near the filter and pumped water from this through the filter; but about the middle of September, on account of some repairs to the filter, water was pumped directly from the creek into the reservoir; this continued about one week.

A small stream known as Thorn Creek, which emptied into Conoquenessing Creek, was dammed about $3\frac{1}{2}$ miles from Butler after the breaking of the Boydstown dam, and water is now obtained from that source, after being passed through the filter.

About August 17 a case of typhoid fever occurred in a house located near the creek, about the site of the Thorn Creek dam. Three other cases soon after developed in the same place.

A few hundred yards above the intake above mentioned a small stream empties into Conoquenessing Creek. Near by a house is located, the water closet of which overhangs the stream. Since October 1 five cases of typhoid fever have occurred in this house.

From the above brief statement it will be seen that the stream from which the water supply is derived has been exposed to typhoid infection from two distinct sources.

A portion of Butler lies south of Conoquenessing Creek, and is chiefly supplied with water from artesian wells. Few cases of fever have occurred in this section, and I was informed only in persons who

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had used the city water. With the precautions taken by the State and local authorities, I see no reason for its spread to other States.

Respectfully,

JOHN F. ANDERSON,

*Passed Assistant Surgeon
and Assistant Director Hygienic Laboratory.*

Respectfully forwarded:

M. J. ROSENAU,
Director Hygienic Laboratory.

Statistical reports of States and cities of the United States—Yearly and monthly.

CALIFORNIA—*Oakland*.—Month of November, 1903. Estimated population, 83,000. Total number of deaths, 90, including diphtheria 1, enteric fever 4, and 6 from phthisis pulmonalis.

Sacramento.—Month of November, 1903. Estimated population, 30,000. Total number of deaths, 41, including diphtheria 2, enteric fever, 1, and 4 from tuberculosis.

San Diego.—Month of October, 1903. Estimated population, 20,000. Total number of deaths, 19, including 6 from tuberculosis. Month of November, 1903. Estimated population, 20,000. Total number of deaths, 20, including enteric fever 1, and 4 from tuberculosis.

CONNECTICUT.—Reports to the State board of health for the month of November, 1903, from 166 towns having an aggregate estimated population of 939,608, show a total of 1,167 deaths, including diphtheria 25, enteric fever 17, measles 13, scarlet fever 4, whooping cough 3, and 117 from phthisis pulmonalis.

ILLINOIS—*Rockford*.—Month of November, 1903. Estimated population, 40,000. Total number of deaths, 31, including 6 from tuberculosis.

INDIANA—*Evansville*.—Month of November, 1903. Estimated population, 70,000. Total number of deaths, 71, including diphtheria 1, scarlet fever 1, and 11 from tuberculosis.

IOWA—*Keokuk*.—Month of November, 1903. Estimated population, 16,000. Total number of deaths, 11. No contagious diseases reported.

LOUISIANA—*New Orleans*.—Month of November, 1903. Estimated population, 310,000—white, 227,000; colored, 83,000. Total number of deaths, 618—white, 362; colored, 256—including diphtheria 6, enteric fever 2, scarlet fever 3, whooping cough 1, and 85 from tuberculosis.

MAINE—*Portland*.—Four weeks ended October 24, 1903. Estimated population, 53,500. Total number of deaths, 57, including 2 from tuberculosis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended December 12, 1903, from 71 observers, indicate that neuralgia, diphtheria, cholera infantum, remittent fever, inflammation of

brain, puerperal fever, and cholera morbus were more prevalent, and erysipelas, dysentery, measles, and meningitis were less prevalent than in the preceding week.

Whooping cough was reported present at 8, measles at 26, smallpox at 43, diphtheria at 55, enteric fever at 62, scarlet fever at 87, and phthisis pulmonalis at 184 places.

NEW JERSEY—*Hudson County*.—Month of November, 1903. Estimated population, 421,692. Total number of deaths, 552, including diphtheria 15, enteric fever 5, scarlet fever 4, whooping cough 2, and 64 from phthisis pulmonalis.

NEW YORK—*Auburn*.—Month of November, 1903. Estimated population, 36,778. Total number of deaths, 36, including diphtheria 1, and 5 from phthisis pulmonalis.

Buffalo.—Month of November, 1903. Estimated population, 380,000. Total number of deaths, 438, including diphtheria 15, enteric fever 8, measles 1, scarlet fever 1, and 42 from tuberculosis.

OHIO—*East Liverpool*.—Month of October, 1903. Estimated population, 20,000. Total number of deaths, 15. No deaths from contagious diseases reported.

Month of November, 1903. Total number of deaths, 19, including 3 from phthisis pulmonalis.

TENNESSEE—*Chattanooga*.—Month of November, 1903. Estimated population, 40,000—white, 27,000; colored, 13,000. Total number of deaths, 38—white, 12, colored, 16—including diphtheria 2, enteric fever 2, and 4 from tuberculosis.

Nashville.—Month of November, 1903. Estimated population, 81,803—white, 51,387; colored, 30,416. Total number of deaths, 133—white 72, colored 61—including diphtheria 4, enteric fever 5, scarlet fever 1, and 20 from tuberculosis.

TEXAS—*San Antonio*.—Month of November, 1903. Estimated population, 65,000. Total number of deaths, 149, including diphtheria 2, enteric fever 5, smallpox 1, yellow fever 4, and 31 from tuberculosis, of which 17 were of nonresidents. Seven deaths pronounced yellow fever by Federal and State health officers.

UTAH—*Ogden*.—Month of November, 1903. Estimated population, 25,000. Total number of deaths, 19, including 1 from enteric fever.

WASHINGTON—*Tacoma*.—Month of November, 1903. Estimated population, 60,000. Total number of deaths, 48, including scarlet fever 1, and 8 from phthisis pulmonalis.

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*Report of immigration at Boston.*OFFICE OF THE COMMISSIONER OF IMMIGRATION,
Boston, Mass., December 12, 1903.

Number of alien immigrants who arrived at this port during the week ended December 12, 1903; also names of vessels and ports from which they came.

Date of arrival.	Vessel.	Where from.	Number of immigrants.
Dec. 6	Cretic	Liverpool, England	151
6	Michigan	do	2
6	Boston	Yarmouth, Nova Scotia	93
6	Admiral Farragut	Jamaica, West Indies	2
7	Winifredian	Liverpool, England	4
10	Halifax	Halifax, Nova Scotia	15
10	Boston	Yarmouth, Nova Scotia	48
	Total		315

GEO. B. BILLINGS, Commissioner.

*Report of immigration at New York.*OFFICE OF THE COMMISSIONER OF IMMIGRATION,
New York, December 14, 1903.

Number of alien immigrants who arrived at this port during the week ended December 12, 1903; also names of vessels and ports from which they came.

Date of arrival.	Vessel.	Where from.	Number of immigrants.
Dec. 7	La Champagne	Havre	1,139
7	Vaterland	Antwerp	706
7	Lahn	Genoa	560
7	Minnetonka	London	1
8	Victoria	Naples	705
9	Kaiser Wilhelm II	Bremen	787
9	Pallanza	Hamburg	371
9	Moltke	do	1
9	Lahn	Bremen	1
10	Graf Waldersee	Hamburg	1,228
10	Oceanic	Liverpool	300
10	Dona Maria	Lisbon	67
10	Etruria	Antigua	8
11	Ethiopia	Glasgow	130
12	Chemnitz	Bremen	880
12	Montserrat	Genoa	343
12	Norge	Copenhagen	54
12	Esperanza	Habana	7
12	Aurania	Naples	1
	Total		7,289

WM. WILLIAMS, Commissioner.

Report of immigration at Miami, Fla.

Report of arrivals of alien steerage passengers at this port from July 1, 1903, up to date.

Date of arrival.	Vessel.	Where from.	Number of aliens.
July —	No arrivals		
Aug. —	do		
Sept. 1	Schooner Emily B	Long Island, Bahamas	1
20	Schooner Hazel Dell	Bermuda, Bahamas	16
Oct. 4	Schooner Hollyhook	Nassau, Bahamas	11
13	Schooner Hazel Dell	Bermuda, Bahamas	12
Nov. 17	do	do	7
Dec. 8	do	do	6
	Total		53

DANIEL TRARIWEEK, Immigration Inspector.

Reports from national quarantine

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
1	UNITED STATES:				
2	Alexandria, Va.	Dec. 19			
3	Beaufort, N. C.	do			
	Biscayne Bay, Fla.	Dec. 7			
4	Bocagrande, Fla.—				
5	Punta Gorda	Dec. 12			
6	Puntarasa	do			
	Brunswick, Ga.	do	It. bk. Scottish Chief ^a	Nov. 28	East London, via St. Helena and Trinidad.
			Nor. bk. Bonheur ^a	Dec. 5	Cape Town, via Tybee Roads.
7	Cape Charles, Va.	do			
8	Cape Fear, N. C.	Dec. 11			
9	Cedar Keys, Fla.	Dec. 19			
10	Columbia River, Oreg.	Dec. 5	Br. ship Glenesslin	Dec. 5	East London
11	Cumberland Sound, Fla.	Dec. 19			
12	Delaware Breakwater quarantine, Lewes, Del.	Dec. 12			
13	Dutch Harbor, Alaska	Dec. 5			
14	Eastport, Me.	Dec. 19			
15	Eureka, Cal.	Dec. 5	Br. bk. West York ^a	Nov. 25	Honolulu
16	Grays Harbor, Wash.	Dec. 12			
17	Gulf quarantine, Ship Island, Miss.	do	Am. ss. Pensacola	Dec. 6	Tampico.
18	Key West, Fla.	do			
19	Los Angeles, Cal.	do			
20	Newbern, N. C.	do			
21	Nome, Alaska	Dec. 5			
22	Pascagoula, Miss.	Dec. 12			
23	Port Angeles, Wash.	Dec. 5			
24	Portland, Me.	Dec. 12			
25	Port Townsend, Wash.	do			
26	Reedy Island, Del.	do			
	St. Georges Sound, Fla.—				
27	East Pass	Dec. 12			
28	West Pass	do			
29	St. Johns River, Fla.	do			
30	San Diego, Cal.	do			
31	San Francisco, Cal.	do			
32	San Pedro, Cal.	do			
33	Santa Barbara, Cal.	do			
34	Santarosa, Fla.	Dec. 19			
35	Savannah, Ga.	Dec. 12	Nor. bk. Telefon ^a	Nov. 16	Lourenço Marquez
36	Sitka, Alaska	Nov. 28			
37	South Atlantic quarantine, Blackbeard Island, Ga.	Dec. 12	Nor. bk. Frigga ^a	Nov. 23	Rio de Janeiro
38	Southbend, Wash.	do			
39	Tampa Bay, Fla.	do			
40	Washington, N. C.	do			
41	HAWAII:				
42	Hilo	Nov. 21			
43	Honolulu	Dec. 5			
44	Kahului	Nov. 28			
45	Kihei	do			
46	Koloa	do			
47	Lahaina	do			
	Mahukona	Nov. 21			
48	PHILIPPINE ISLANDS:				
49	Cebu	Oct. 31			
50	Iloilo	do			
51	Jolo	do			
	Manila	do			

^a Previously reported.

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and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No report	
2				do	
3				One steamer spoken and passed.	1
4				No report	
5				do	
6	Brunswick	Held to discharge ballast and disinfect.	Dec. 11	One vessel spoken and passed.	4
	do	do	Dec. 12		
7				Temperature taken on Nor. ss. Tiger, from Vera Cruz.	3
8					1
9					
10	Portland, Oreg.	Held for disinfection and bathing of crew.		No report	2
11				Glandular examination Br. ss. Indravelli, from Hongkong.	
12				No report	2
13				No report	
14					18
15	Eureka	Held to discharge ballast.			
16				No transactions	
17	Mobile	Disinfected and held.	Dec. 7		2
18					6
19					
20				No report	
21				No transactions	
22				No report	
23					3
24				No transactions	
25				Glandular examination, forecastle crew, Fr. bk. Colonel de Villebois Mareuil from Algou Bay, and Am. ss. Shawmut from Manila, forecastle crew and passengers.	6
26					21
27				No report	
28				No transactions	
29					6
30				One vessel spoken and passed.	3
31				No report	
32				do	
33				do	
34					
35	Tybee, for orders	Held for fumigation and discharge of ballast.	Dec. 6		5
36					
37	Sapelo	Held for disinfection.	Dec. 11		3
38				No report	
39					6
40				No transactions	
41				do	
42				No report	
43				No transactions	
44				No report	
45				No transactions	
46				do	
47					
48				No report	
49				do	
50				do	
51					

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Reports from national quarantine

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure
52	PORTO RICO: Ponce	Dec. 5	It. ss. Venezuela	Dec. 5	Colon
53	San Juan.....	do	Ss. Caracas	Dec. 2	La Guaira
54	Subports— Aguadilla.....	do .....	.....	.....	.....
55	Arecibo.....	do .....	.....	.....	.....
56	Arroyo	do .....	.....	.....	.....
57	Fajardo	do .....	.....	.....	.....
58	Humacao	do .....	.....	.....	.....
59	Mayaguez	do	Ger. ss. Markomannia	Nov. 27	Bocas del Toro and Puerto, Colombia.

Reports from State and

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md	Dec. 19	.....	.....	.....
2	Bangor, Me	do .....	.....	.....	.....
3	Boston, Mass.....	do .....	.....	.....	.....
4	Charleston, S. C.....	Dec. 12	.....	.....	.....
5	Elizabeth River, Va.....	Dec. 19	.....	.....	.....
6	Galveston, Tex.....	Dec. 12	.....	.....	.....
7	Gardiner, Oreg	do .....	.....	.....	.....
8	Marcushook, Pa.....	Dec. 19	.....	.....	.....
9	Mobile Bay, Ala.....	Dec. 12	.....	.....	.....
10	New Bedford, Mass.....	do .....	.....	.....	.....
11	New Orleans, La	do	Br. ss. Ilderton	Dec. 8	Rio de Janeiro
			Br. ss. Colonial	do	Beira, E. A
			Fr. ss. Campana	Dec. 12	Brazilian ports
12	Newport News, Va.....	Dec. 19	.....	.....	.....
13	Newport, R. I.....	do .....	.....	.....	.....
14	New York, N. Y.....	do .....	.....	.....	.....
15	Pass Cavallo, Tex.....	do .....	.....	.....	.....
16	Port Royal, S. C.....	Dec. 12	.....	.....	.....
17	Providence, R. I	Dec. 19	.....	.....	.....
18	Quintana, Tex	do .....	.....	.....	.....
19	Sabine Pass, Tex	do
20	St. Helena Entrance, S. C	Dec. 12	Br. ss. Gregory	Dec. 11	Para

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and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
52	Genoa	Held in quarantine.....	Dec. 5	Took cargo in quarantine under guard. No passengers and no cargo for Ponce.	4
53	New York	Held	Dec. 2	.....	3
54	.....	.....	.....	No transactions.....	.....
55	.....	.....	.....	do.....	.....
56	.....	.....	.....	do.....	.....
57	.....	.....	.....	do.....	.....
58	.....	.....	.....	do.....	.....
59	Hamburg	Held in quarantine	Nov. 30	.....	1

municipal quarantine stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1	No report.....	.....
2	do.....	.....
3	do.....	.....
4	1
5	No report.....	.....
6	do.....	.....
7	do.....	.....
8	do.....	.....
9	22
10
11	New Orleans	Disinfected	Dec. 8	No report.....	.....
.....	do	do	do .....	.....	.....
12	do	do	Dec. 12	No report.....	.....
13	do.....	.....
14	do.....	.....
15	do.....	.....
16	1
17	No report.....	.....
18	do.....	.....
19	do.....	.....
20	Fumigated	Dec. 12	.....	1

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 27, 1903, to December 25, 1903.

For reports received from December 27, 1902, to June 26, 1903, see PUBLIC HEALTH REPORTS for June 26, 1903.

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile.....	June 20-Nov. 27	67	.....
Total for State		67	.....
Total for State, same period, 1902.		1	.....
California:				
Fresno.....	June 1-June 30	7	.....
Los Angeles.....	July 12-Nov. 21	38	.....
Oakland.....	Aug. 1-Oct. 31	10	.....
Sacramento.....	Aug. 2-Aug. 23	3	.....
San Francisco.....	June 14-Dec. 6	30	.....
Total for State		88	.....
Total for State, same period, 1902.		175	.....
Colorado:				
Adams County.....	Apr. 1-May 31	14	.....
Archuleta County.....	do.....	1	.....
Boulder County.....	Apr. 1-Nov. 30	88	.....
Chaffee County.....	Apr. 1-Sept. 30	33	.....
Cheyenne County.....	June 1-June 30	3	.....
Clear Creek County.....	Apr. 1-June 30	12	.....
Delta County.....	June 1-July 31	2	.....
Denver County (Denver in- cluded).	Apr. 1-Nov. 30	284	.....
El Paso County.....	do.....	20	.....
Fremont County.....	Apr. 1-Sept. 30	41	.....
Garfield County.....	Apr. 1-July 31	2	.....
Gilpin County.....	do.....	15	.....
Jefferson County.....	Apr. 1-Sept. 30	57	.....
Kit Carson County.....	Apr. 1-Nov. 30	21	.....
Lake County.....	June 1-Nov. 30	21	.....
Larimer County.....	Apr. 1-Aug. 31	35	.....
Las Animas County.....	Apr. 1-May 31	2	.....
Lincoln County.....	Apr. 1-Oct. 30	8	.....
Logan County.....	Apr. 1-May 31	1	.....
Mesa County.....	July 1-Nov. 30	13	.....
Morgan County.....	Apr. 1-May 31	1	.....
Otero County.....	do.....	14	.....
Ouray County.....	July 1-July 31	2	.....
Park County.....	June 1-June 30	1	.....
Pueblo County.....	Apr. 1-July 31	10	.....
Rio Grande County.....	Nov. 1-Nov. 30	39	.....
Routt County.....	Apr. 1-June 30	82	.....
San Miguel County.....	July 1-Aug. 31	18	.....
Summit County.....	Apr. 1-July 31	3	.....
Teller County.....	Apr. 1-Aug. 31	12	.....
Washington County.....	Apr. 1-July 31	20	.....
Weld County.....	Apr. 1-Nov. 30	115	.....
Yuma County.....	Apr. 1-July 31	25	.....
Total for State		1,015	.....
Total for State, same period, 1902.		204	.....
Florida:				
Alachua County, Gainesville.....	June 13-Oct. 31	1	.....
Baker County, Sanderson.....	do.....	2	.....
Duval County, Jacksonville.....	do.....	6	.....
Escambia County, Pensacola.....	do.....	15	.....
Holmes County, Ponce de Leon.....	do.....	12	.....
Leon County, Tallahassee and Crestview.	do.....	19	.....
Levy County, Ottercreek.....	do.....	3	.....
Polk County, Kathleen.....	do.....	1	.....
De Soto County, Punta Gorda.....	do.....	3	.....
Total for State		62	.....
Total for State, same period, 1902.		42	.....
Georgia:				
Atlanta.....	June 25-July 8	3	.....
Total for State		3	.....
Total for State, same period, 1902.		16	1	

December 25, 1903

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois:				
Bond County (Sorento).....	Nov. 1-Nov. 30	2	.....
Calhoun County (Belleville).....	do	5	.....
Christian County (Millersville, Assumption).....	do	11	.....
Clark County (Casey Township, Moriah, Westfield).....	do	50	2	
Coles County (Charleston).....	do	6	1	
Cook County (Chicago, Lemont, Orland).....	June 28-Dec. 11	287	10	
Cumberland County (Hazeldell).....	Nov. 1-Nov. 30	2	.....
Gallatin County (Ridgeway).....	do	10	.....
Grundy County (South Wilmington).....	do	10	1	
Lawrence County (Russellville, Russel Township, Allison Township).....	do	25	1	
Logan County (Atlanta).....	do	1	.....
LaSalle County (Streator).....	do	16	2	
Macon County (Argenta).....	do	3	.....
Marion County (Haines Township, Harris Township).....	do	10	1	
McLean County (Bloomington, Heyworth, Shirley).....	do	35	2	
Randolph County (Coulterville).....	do	6	1	
Saint Clair County (Belleville, Freeburg, Lenzburg, Millstadt, New Athens).....	June 13-Dec. 12	117	15	
Vermilion County (Danville, Rankin).....	July 11-Nov. 30	10	1	
Washington County (Plum Hill Township).....	Nov. 1-Nov. 30	5	.....
Whiteside County (Sterling).....	do	3	.....
Will County (Lockport, Joliet, Du Page Township).....	do	25	2	
Williamson County (Granville, Marion).....	do	12	1	
Total for State		651	40	
Total for State, same period, 1902.		222	2	
Indiana:				
Adams County	June 1-June 30	1	.....
Allen County	June 1-Nov. 30	17	.....
Benton County	May 1-Nov. 30	21	.....
Blackford County	June 1-June 30	1	.....
Boone County	May 1-Oct. 31	8	1	
Brown County	May 1-June 30	18	.....
Carroll County	May 1-Nov. 30	8	.....
Cass County	May 1-June 30	44	.....
Clark County	do	9	.....
Clay County	May 1-Nov. 30	111	.....
Clinton County	Oct. 1-Nov. 30	2	.....
Crawford County	May 1-Nov. 30	14	2	
Daviess County	do	59	2	
Dearborn County	June 1-June 30	1	.....
Decatur County	May 1-June 30	21	.....
Dekalb County	May 1-Nov. 30	8	.....
Delaware County	May 1-June 30	28	.....
Dubois County	Oct. 1-Nov. 30	31	.....
Fayette County	June 1-June 30	2	.....
Floyd County	May 1-Oct. 31	8	.....
Fountain County	May 1-Nov. 30	18	.....
Fulton County	do	17	.....
Gibson County	May 1-Oct. 31	12	.....
Grant County	May 1-Nov. 30	46	.....
Greene County	May 1-May 31	7	1	
Hamilton County	Oct. 1-Oct. 31	1	.....
Hancock	Nov. 1-Nov. 30	1	.....
Harrison County	June 1-June 30	5	.....
Hendricks County	May 1-June 30	11	.....
Howard County (Kokomo included).....	May 1-Nov. 30	22	.....
Huntington County	May 1-May 31	1	.....
Jackson County	do	1	.....
Jasper County	do	30	1	
Jennings County	May 1-Nov. 30	6	.....
Johnson County	May 1-May 31	5	.....
Knox County	May 1-June 30	13	.....
Lake County	June 1-Nov. 30	12	.....
Laporte County	May 1-Oct. 31	33	.....
Lawrence County	May 1-June 30	19	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Madison County (Elwood included).	May 1-Oct. 31	49	.....
Marion County (Indianapolis included).	.....do.....	33	4	
Marshall County.....	Oct. 1-Nov. 30	29	.....
Martin County.....	May 1-Nov. 30	27	.....
Miami County.....	May 1-June 30	14	.....
Monroe County.....	May 1-Nov. 30	30	.....
Montgomery County.....	.....do.....	3	.....
Morgan County.....	.....do.....	7	.....
Newton County.....	May 1-May 31	3	.....
Noble County.....	May 1-June 30	2	.....
Orange County.....	May 1-Nov. 30	85	.....
Owen County.....	May 1-May 31	4	.....
Parke County.....	May 1-Nov. 30	22	1	
Perry County.....	May 1-Oct. 31	3	.....
Pike County.....	Nov. 1-Nov. 30	1	.....
Posey County.....	May 1-May 31	1	.....
Pulaski County.....	May 1-June 30	5	.....
Putnam County.....	Oct. 1-Oct. 31	8	.....
Ripley County.....	June 1-June 30	1	.....
St. Joseph County (South Bend included).	July 19-Sept. 12	3	.....
Scott County.....	May 1-June 30	5	.....
Shelby County.....	Oct. 1-Nov. 30	5	.....
Spencer County.....	May 1-May 31	4	.....
Starke County.....	June 1-June 30	6	.....
Sullivan County.....	May 1-Oct. 31	16	.....
Tipppecanoe County.....	May 1-Nov. 30	106	.....
Tipton County.....	June 1-June 30	6	.....
Vanderburg County.....	May 1-Oct. 31	10	.....
Vermilion County.....	May 1-June 30	47	.....
Vigo County.....	May 1-Nov. 30	174	1	
Wabash.....	Nov. 1-Nov. 30	1	.....
Warren County.....	May 1-Nov. 30	11	.....
Warrick County.....	.....do.....	56	.....
Wayne County.....	May 1-June 30	2	.....
Wells County.....	June 1-Nov. 30	5	.....
White County.....	.....do.....	16	.....
Whitley County.....	May 1-Nov. 30	16	.....
Places not mentioned.....	June 1-June 30	.....	4	
Total for State.....		1,488	17	
Total for State, same period, 1902.		639	40	
Iowa:				
Dubuque County (Cascade)....	Aug. 1-Aug. 31	5	.....
Hamilton County (Webster city).	.....do.....	10	.....
Harrison County (Cass Township).	Sept. 1-Sept. 30	.....	.....	Reported.
Jasper County (Des Moines Township and Vandalia).	Aug. 1-Aug. 31	9	.....
Marion County (Perry Township).	.....do.....	1	.....
Polk County (Des Moines)....	June 1-July 4	56	.....
Wapello County (Ottumwa) ...	July 1-Aug. 31	2	.....
Total for State.....		83	.....
Total for State, same period, 1902.		67	.....
Kentucky:				
Louisville.....	Oct. 1-Nov. 10	27	2	
Total for State.....		27	2	
Total for State, same period, 1902.		176	.....
Louisiana:				
Baton Rouge.....	Oct. 25-Dec. 5	4	.....
New Orleans.....	June 1-Dec. 12	33	1	Six cases imported.
Total for State.....		37	1	
Total for State, same period, 1902.		7	.....
Maine:				
Aroostook County (including Grand Isle, Fort Kent, Madawaska Township, and Van Buren).	July 4-Nov. 30	124	.....
Bangor.....	To Nov. 10.....	117	.....
Beaver.....	Aug. 28.....	1	.....

December 25, 1903

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Maine—Continued.				
Belfast	Sept. 19.....	1	.....	Imported.
Brewer.....	Sept. 17-Nov. 4	45	.....	Present.
Camden	Oct. 29 .....	.....	.....
Oldtown	Sept. 26-Nov. 26	25	.....
Orono	Oct. 29-Nov. 26	1	.....
Total for State .....	.....	314	.....
Total for State, same period, 1902.	.....	45	.....
Maryland:				
Baltimore.....	June 28-Oct. 17	3	1	
Cumberland	May 1-Oct. 31	48	7	
Total for State .....	.....	51	8	
Total for State, same period, 1902.	.....	6	1	
Massachusetts:				
Boston	Oct. 25-Dec. 5	2	.....
Cambridge	Sept. 27-Oct. 3	1	.....
Fall River.....	June 20-Sept. 26	67	2	
Haverhill	Nov. 1-Dec. 9	3	.....
Lawrence	Nov. 8-Nov. 21	2	.....
Lowell	Nov. 22-Nov. 28	1	.....
New Bedford	July 1-Oct. 24	4	.....
North Adams	Dec. 6-Dec. 12	1	.....
Taunton	June 20-Oct. 3	9	.....
Vineyard Haven	Sept. 21.....	1	.....	On sch. Orozimbo, from Calais, Me.
Total for State .....	.....	91	2	
Total for State, same period, 1902.	.....	516	92	
Michigan:				
Detroit	June 16-Dec. 12	57	2	
Flint	June 13-Dec. 12	4	.....
Grand Rapids	June 13-Aug. 22	28	.....
Hillsdale	Oct. 1-Oct. 31	.....	1	
Marquette	Aug. 23-Aug. 29	1	.....
Port Huron	June 13-Dec. 12	53	.....
Iosco County (Sherman Township).	Sept. 1-Sept. 30	.....	1	
Marquette County (Wells Township).	Aug. 1-Aug. 31	.....	1	
Total for State .....	.....	143	5	
Total for State, same period, 1902.	.....	321	3	
Minnesota:				
Aitkin County	Nov. 2-Nov. 9	1	.....
Beltrami County	Nov. 17-Dec. 14	11	.....
Benton County	June 15-July 13	7	.....
Big Stone County	Dec. 8-Dec. 14	1	.....
Brown County	Aug. 3-Aug. 24	9	.....
Carver County	June 15-Nov. 23	5	.....
Cass County	June 30-Nov. 23	3	.....
Chisago County	Nov. 17-Nov. 23	4	.....
Clay County	July 1-July 27	1	1	
Columbia County	July 6-July 13	3	.....
Crow Wing County	June 15-Nov. 23	36	.....
Douglas County	July 6-Dec. 6	10	.....
Fillmore County	Sept. 7-Sept. 14	6	.....
Freeborn County	July 21-July 27	2	.....
Goodhue County	Oct. 20-Oct. 26	1	.....
Grant County	June 15-July 20	6	1	
Hennepin County	June 15-Nov. 30	11	1	
Houston County	June 30-July 6	1	.....
Hubbard County	July 21-July 27	1	.....
Isanti County	June 15-Nov. 23	14	.....
Jackson County	June 15-July 13	14	.....
Kandiyohi County	June 15-Dec. 6	56	.....
Lac qui Parle County	June 22-June 29	2	.....
Lincoln County	July 13-Aug. 3	3	.....
McLeod County	June 22-Aug. 10	4	.....
Meeker County	June 15-Aug. 3	6	.....
Morrison County	June 15-Dec. 14	21	.....
Nobles County .....	..... do	5	.....
Norman County	June 22-June 29	7	.....
Ottertail County	Oct. 29-Nov. 30	6	.....
Pine County	June 15-Aug. 3	3	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases	Deaths.	Remarks.
Minnesota—Continued.				
Pipestone County.....	June 30-July 6	1		
Polk County.....	Aug. 24-Nov. 2	2		
Ramsey County.....	June 15-Dec. 7	26	1	
Redwood County.....	Oct. 13-Oct. 19	2		
Renville County.....	June 30-Dec. 7	31		
St. Louis County.....	June 22-Nov. 9	8		
Scott County.....	July 6-July 13	1		
Sherburne County.....	June 15-June 22	1		
Sibley County.....	June 30-July 6	9		
Stearns County.....	June 15-Dec. 14	168	1	
Steele County.....	July 6-July 13	1		
Stevens County.....	Sept. 14-Oct. 26	8		
Swift County.....	July 6-Aug. 10	13		
Todd County.....	July 13-Nov. 14	21		
Waseca County.....	July 21-Aug. 31	3		
Washington County.....	Dec. 8-Dec. 14	1		
Wilkin County.....	Aug. 18-Oct. 26	2		
Winona County.....	July 6-July 13	2		
Wright County.....	July 6-Oct. 26	7	2	
Yellow Medicine County.....	June 15-Aug. 31	10		
Kandiyohi County, not previously reported.		21		
Do.....	Aug., Sept., and Oct.	32		
Pine County, not previously reported.		9		
Stearns County, not previously reported.		40		
Todd County, not previously reported.		8		
Waseca County, not previously reported.		5		
Other parts of the State not previously reported.			1	
Total for State.....		692	8	
Total for State, same period, 1902.		1,587	7	
Mississippi:				
Moss Point.....	Aug. 28.....	2		
Natchez.....	July 4-Dec. 13	49		
Total for State.....		51		
Total for State, same period, 1902.				
Missouri:				
St. Louis.....	June 16-Dec. 5	39		
Total for State.....		39		
Total for State, same period, 1902.		404	3	
Montana:				
Helena.....	June 1-June 30	1		
Total for State.....		1		
Total for State, same period, 1902.		20		
Nebraska:				
Omaha.....	Aug. 2-Aug. 31	3		
South Omaha.....	June 1-July 1	6		
Total for State.....		9		
Total for State, same period, 1902.		105		
New Hampshire:				
Manchester.....	June 13-Dec. 12	50		
Nashua.....	June 13-June 20	1		
Total for State.....		51		
Total for State, same period, 1902.		26	2	
New Jersey:				
Bordentown.....	June 6-June 27	24	5	
Camden.....	July 5-Dec. 19	21	3	
Hoboken.....	Aug. 17-Aug. 23	1		
Jersey City.....	Oct. 19-Oct. 25	1		
Trenton.....	June 20-June 27	1		
Total for State.....		48	8	

December 25, 1903

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
New Jersey—Continued.				
Total for State, same period, 1902.		281	58	
New York:				
Buffalo.....	Nov. 9.....	1	.....
Elmira.....	June 13-June 20	2	.....
New York.....	July 4-Dec. 12	18	1	
Niagara Falls.....	Sept. 6-Oct. 10	7	.....
Rochester.....	July 15-July 21	1	.....
Total for State.....		29	1	
Total for State, same period, 1902.		243	57	
North Carolina:				
Alamance County.....	Aug. 1-Oct. 31	5	.....
Ashe County.....	July 1-July 31	1	.....
Bertie County.....	July 1-Aug. 31	4	.....
Buncombe County.....	May 1-Oct. 31	32	.....
Burke County.....	May 1-Aug. 31	11	.....
Cabarrus County.....	Aug. 1-Aug. 31	1	.....
Caswell County.....	Oct. 1-Oct. 31	2	.....
Catawba County.....	July 1-Aug. 31	3	.....
Chatham County.....	May 1-May 31	1	.....
Cleveland County.....	May 1-Aug. 31	10	.....
Columbus County.....	Aug. 1-Aug. 31	1	.....
Davidson County.....	Oct. 1-Oct. 31	40	.....
Davie County.....	May 1-Oct. 31	43	.....
Durham County.....	May 1-Aug. 31	29	.....
Forsyth County.....	May 1-Oct. 31	39	.....
Gaston County.....	July 1-Aug. 31	6	.....
Graham County.....	May 1-May 31	2	.....
Guilford County.....	.....do.....	45	.....
Harnett County.....	Oct. 1-Oct. 31	10	.....
Henderson County.....	May 1-May 31	2	.....
Iredell County.....	Aug. 1-Aug. 31	5	.....
McDowell County.....	May 1-May 31	2	.....
Madison County.....	Aug. 1-Oct. 31	40	.....
Mecklenburg County.....	May 1-May 31	2	.....
Moore County.....	.....do.....	1	.....
New Hanover County.....	May 1-July 31	2	.....
Pender County.....	July 1-July 31	1	.....
Person County.....	Oct. 1-Oct. 31	7	.....
Polk County.....	July 1-Aug. 31	2	.....
Randolph County.....	July 1-July 31	1	.....
Rockingham County.....	July 1-Aug. 31	4	.....
Rowan County.....	Oct. 1-Oct. 31	1	.....
Rutherford County.....	May 1-July 31	7	.....
Stanly County.....	July 1-July 31	4	.....
Surry County.....	May 1-Oct. 31	33	.....
Wake County.....	.....do.....	27	.....
Warren County.....	May 1-May 31	3	.....
Wayne County.....	Oct. 1-Oct. 31	1	.....
Wilkes County.....	May 1-May 31	2	.....
Wilson County.....	May 1-Oct. 31	5	.....
Yadkin County.....	July 1-July 31	26	.....
Total for State.....		463	.....
Total for State, same period, 1902.		988	18	
North Dakota:				
Benson County.....	July 1-Aug. 31	1	.....
Billings County.....	.....do.....	1	.....
Bottineau County.....	.....do.....	1	.....
Cass County.....	Oct. 1-Oct. 31	1	.....
Cavalier County.....	May 1-Aug. 31	14	.....
Grand Forks County.....	July 1-Oct. 31	4	.....
Griggs County.....	May 1-Aug. 31	4	.....
Morton County.....	.....do.....	a 65	.....
Nelson County.....	July 1-Aug. 31	3	.....
Ramsey County.....	.....do.....	2	.....
Ransom County.....	Oct. 1-Oct. 31	11	.....
Richland County.....	July 1-Aug. 31	4	.....
Sargent County.....	.....do.....	2	.....
Stark County.....	May 1-July 31	6	.....
Towner County.....	Oct. 1-Oct. 31	5	.....
Traill County.....	May 1-Oct. 31	11	.....
Walsh County.....	July 1-Aug. 31	4	
Total for State.....		139	
Total for State, same period 1902.		121	1	

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Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio:				
Allen County	May 10-Aug. 8	9	.....
Ashstabula County	do	3	.....
Auglaize County	do	25	.....
Belmont County	do	32	1	
Brown County	do	8	.....
Butler County (Hamilton included)	do	18	2	
Champaign County	do	6	.....
Clark County	do	6	.....
Clermont County	do	1	.....
Columbiana County (East Liverpool included)	do	18	.....
Crawford County	do	2	.....
Cuyahoga County (Cleveland included)	May 10-Nov. 21	18	1	
Defiance County	May 10-Aug. 8	6	.....
Delaware County	do	25	.....
Eric County	do	18	6	
Fairfield County	do	1	1	
Fayette County	do	1	.....
Franklin County (Columbus included)	do	27	3	
Gallia County	do	15	.....
Geauga County	do	1	.....
Greene County	do	10	.....
Guernsey County	do	2	.....
Hamilton County (Cincinnati included)	May 10-Dec. 18	140	5	
Hancock County	May 10-Aug. 8	18	.....
Harrison County	do	1	.....
Henry County	do	43	.....
Jackson County	do	7	.....
Jefferson County	do	18	.....
Lawrence County	do	101	11	
Logan County	do	4	.....
Lorain County (Lorain included)	May 10-Oct. 3	6	.....
Lucas County (Toledo included)	May 10-Sept. 5	49	2	
Mahoning County (Youngstown included)	May 10-Dec. 12	72	.....
Marion County	May 10-Nov. 21	1	.....
Meigs County	do	2	.....
Miami County	do	12	2	
Monroe County	May 10-Nov. 14	2	.....
Montgomery County (Dayton included)	May 10-Dec. 12	74	1	
Morrow County	May 10-Aug. 8	1	.....
Muskingum County (Zanesville included)	do	49	.....
Paulding County	do	1	.....
Pickaway County	do	1	.....
Preble County	do	7	.....
Ross County	do	30	.....
Scioto County	do	9	.....
Seneca County	do	3	.....
Stark County	do	34	.....
Summit County	do	12	.....
Trumbull County (Warren included)	May 10-Nov. 2	6	.....
Tuscarawas County	do	29	.....
Van Wert County	do	9	.....
Warren County	do	6	.....
Washington County	do	30	3	
Wyandot County	do	13	.....
Total for State		1,042	38	
Total for State, same period, 1902		2,687	259	
Pennsylvania:				
Allegheny County (Allegheny, Pittsburgh, and McKeesport included)	June 13-Dec. 12	1,093	207	Eight cases imported.
Armstrong County	June 1-Aug. 31	6	.....
Beaver County	June 1-Sept. 30	20	.....
Berks County (Reading)	Nov. 24-Dec. 14	4	.....
Blair County (Altoona included)	May 1-Dec. 12	20	2	Two cases imported.
Butler County (Butler included)	May 1-Sept. 30	31	.....

December 25, 1902

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Pennsylvania—Continued.				
Cambria County (Johnstown included).	May 1-Dec. 12	98	10	
Cameron County.	May 1-May 31	5	—	
Carbon County.	June 1-June 30	5	—	
Center County.	May 1-May 31	27	—	
Clarion County.	do	2	—	
Clearfield County.	May 1-Sept. 30	167	—	
Clinton County.	July 1-July 31	1	—	
Columbia County.	Aug. 1-Sept. 30	5	—	
Crawford County.	May 1-July 31	11	—	
Delaware County.	May 1-Sept. 30	28	—	
Elk County.	May 1-May 31	3	—	
Erie County (Erie and Franklin included).	May 1-Dec. 12	25	—	
Fayette County.	May 1-Sept. 30	57	1	
Forest County.	May 1-Aug. 31	7	—	
Indiana County.	May 1-July 31	14	—	
Jefferson County.	July 1-July 31	11	—	
Lackawanna County (Scranton, Carbondale, and Dunmore included).	June 7-Dec. 7	73	1	
Lancaster County.	Aug. 1-Aug. 31	1	1	
Luzerne County.	May 1-May 31	1	—	
Lycoming County.	May 1-July 31	25	—	
McKean County.	June 1-June 30	1	—	
Mercer County.	May 1-Sept. 30	9	—	
Montgomery County (Norristown included).	May 1-Dec. 12	16	1	
Northampton County.	May 1-May 31	19	2	
Perry County.	May 1-Aug. 31	40	2	
Philadelphia County.	June 20-Dec. 19	810	170	
Pike County.	June 1-June 30	2	—	
Potter County.	June 1-July 31	24	—	
Schuylkill County.	May 1-July 31	28	—	
Sullivan County.	Aug. 1-Aug. 31	10	—	
Susquehanna County.	June 1-July 31	128	—	
Tioga County.	May 1-June 30	8	—	
Venango County.	June 1-July 31	2	—	
Warren County.	May 1-May 31	2	—	
Washington County.	May 1-Sept. 30	18	6	
Wayne County.	June 1-July 31	8	—	
Westmoreland County.	May 1-Sept. 30	19	1	
Wyoming County.	Aug. 1-Aug. 31	3	—	
Total for State.		2,887	404	
Total for State, same period, 1902.		1,692	181	
Rhode Island:				
Providence.	Nov. 1-Nov. 7	1	—	
Total for State.		1	—	
Total for State, same period, 1902.		14	1	
South Carolina:				
Charleston.	June 20-Nov. 14	30	3	
Greenville.	June 20-Sept. 19	5	—	
Total for State.		35	3	
Total for State, same period, 1902.		132	2	
Tennessee:				
Anderson County.	Mar. 15-Sept. 15	24	—	
Blount County.	do	4	—	
Bradley County.	do	7	—	
Campbell County.	do	69	2	
Carroll County.	do	8	—	
Carter County.	do	30	—	
Cheatham County.	do	1	—	
Chester County.	do	2	—	
Clayborne County.	do	50	2	
Cocke County.	do	6	—	
Coffey County.	do	5	1	
Crockett County.	do	7	—	
Cumberland County.	do	1	—	
Davidson County (Nashville included).	do	33	—	
Franklin County.	do	13	—	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Tennessee—Continued.				
Gibson County	Mar. 15-Sept. 15	4		
Giles County	do	10		
Hamblen County	do	31		
Hamilton County (Chattanooga included)	do	783	23	
Hancock County	do	12		
Hardeman County	do	11		
Hardin County	do	1		
Hawkins County	do	16		
Haywood County	do	17	2	
Henderson County	do	9		
Henry County	do	40		
Houston County	do	3		
Humphreys County	do	12		
Jackson County	do	15		
James County	do	13		
Jefferson County	do	79		
Knox County (Knoxville)	do	186	2	
McMinn County	do	3		
Madison County	do	14		
Martin County	do	33	1	
Marshall County	do	1		
Maury County	do	1		
Monroe County	do	1		
Montgomery County	do	1		
Morgan County	do	10		
Obion County	do	45		
Rhea County	do	25	2	
Roane County	do	36	1	
Robertson County	do	19		
Rutherford County	do	4		
Scott County	do	15		
Shelby County (Memphis included)	Mar. 15-Dec. 12	95		
Smith County	Mar. 15-Sept. 15	18		
Stewart County	do	6		
Sullivan County	do	2		
Sumner County	do	5		
Union County	do	20		
Warren County	do	28		
White County	do	4		
Williamson County	do	1		
Total for State		1,875	36	
Total for State, same period, 1902.		2,228	68	
Texas:				
San Antonio	July 1-Nov. 30	86	2	
Total for State		86	2	
Total for State, same period, 1902.		2		
Utah:				
Ogden	Aug. 1-Nov. 30	2		
Salt Lake City	June 6-Nov. 28	52		Two cases imported.
Total for State		54		
Total for State, same period, 1902.		66	1	
Virginia:				
Lynchburg	Aug. 1-Aug. 31		1	
Pocahontas	Aug. 29	1		
Total for State		1	1	
Total for State, same period, 1902.		5	1	
Washington:				
Adams County	Aug. 1-Nov. 30	2		
Clark County	June 1-Nov. 30	52		
Columbia County	June 1-Aug. 31	8		
Cowlitz County	July 1-Aug. 31	18		
Douglas County	June 1-Oct. 31	6		
Island County	Aug. 1-Sept. 30	14		
King County (Seattle included)	June 1-Nov. 30	32	3	
Kitsap County	June 1-June 30	1		
Klickitat County	Oct. 1-Nov. 30	4		
Lewis County	Sept. 1-Sept. 30	16		

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Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Washington—Continued.				
Lincoln County	Oct. 1-Nov. 30	6	.....
Okanogan County	June 1-Aug. 31	3	1	
Pierce County (Tacoma included).	do	5	.....
Skagit County	Sept. 1-Nov. 30	17	.....
Snohomish County	June 1-Sept. 30	6	.....
Spokane County (Spokane included).	June 1-Nov. 30	40	5	Three cases import
Stevens County	Sept. 1-Oct. 31	13	.....
Thurston County	July 1-July 31	4	.....
Walla Walla County	June 1-Oct. 31	44	.....
Whatcom County	July 1-Nov. 30	7	.....
Whitman County	July 1-Oct. 31	20	2	
Yakima County	July 1-Aug. 31	1	.....
Total for State		319	11	
Total for State, same period, 1902.		1,273	1	
West Virginia:				
Jefferson County	Oct. 1-Oct. 15	14	.....
Wheeling	Mar. 1-Sept. 30	51	7	
Total for State		65	7	
Total for State, same period, 1902.				
Wisconsin:				
40 counties, 87 places	Feb. 1-Feb. 28	495	3	
39 counties, 90 places	Mar. 1-Mar. 31	412	4	
31 counties, 50 places	Apr. 1-Apr. 30	194	1	
32 counties, 53 places	May 1-May 31	259	3	
26 counties, 34 places	June 1-June 30	238	.....
6 counties, 6 places	July 1-July 11	15	.....
7 counties, 10 places	July 12-July 31	50	.....
8 counties, 8 places	Aug. 1-Aug. 31	24	.....
5 counties, 6 places	Sept. 1-Sept. 30	15	1	
Milwaukee	Oct. 4-Dec. 12	30	.....
Total for State		1,732	12	
Total for State, same period, 1902.		849	6	
Grand total		13,739	606	
Grand total, same period, 1902.		15,653	806	

[NOTE.—In accordance with custom, the tables of epidemic diseases, with the exception of the plague table in the United States, are terminated semiannually and new tables begun.]

Plague in the United States, as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 27, 1902, to December 25, 1903.

Place.	Number since Mar., 1900.	Number since Mar., 1903.	Date.	Cases.	Deaths.	Remarks.
California:						
San Francisco.....	93	.....	Dec. 11	1	1	
Do	94	1	Mar. 16	1	1	
Do	95	2	June 5	1	1	
Do	96	3	July 15	1	1	
Do	97	4	July 19	1	1	
Do	98	5	July 20	1	1	
Do	99	6	July 29	1	1	
Do	100	7	Aug. 9	1	1	
Do	101	8	Aug. 21	1	1	
Do	102	9	Sept. 13	1	1	
Do	103	10	Oct. 7	1	1	
Do	104	11	Oct. 20	1	1	
Do	105	12	Oct. 23	1	1	
Do	106	13	Oct. 24	1	1	
Do	107	14	Oct. 29	1	1	
Do	108	15	Nov. 4	1	1	
Do	(a)	(a)	.....	.....	.....
Do	109	16	Nov. 7	1	1	
Do	110	17	Nov. 12	1	1	

• Case originally No. 109 being reported not plague, the numbers following have been changed accordingly.

For record of plague in San Francisco for calendar year 1902, see PUBLIC HEALTH REPORTS NO. 52, December 26, 1902. A summary of cases since March, 1900, when the first case was officially reported, is as follows: Calendar year 1900, cases, 22; deaths, 22. Calendar year 1901, cases, 30; deaths, 25. Calendar year 1902, cases, 41; deaths, 41.

Total cases of plague from January 1 to December 25, 1903, 17. Total cases of plague same period 1902, 41.

Yellow fever in the United States, as reported to the Surgeon-General, Public Health and Marine-Hospital Service, July 3, 1903, to December 25, 1903.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Angel Island.....	Sept. 10-Sept. 11	1	1	Case on ss. Colon, from Panama; port of call, Acapulco.
Mississippi:				
Gulf Quarantine, Ship Island..	July 3-July 5	1	1	Case on ss. Mount Vernon, from Limon; discovered at Mobile. Vessel remanded to Gulf Quarantine, Ship Island.
	Sept. 1	1	1	Case on schooner Henrietta J. Powell, from Vera Cruz.
	Nov. 21	2	.....	On Dutch ss. Celaeno, from Tampico, Mexico.
Texas:				
Cannel.....	To Nov. 25.....	28	1	Mining camp.
Castroville.....	Oct. 21.....	1	.....
Hondo.....	Oct. 19.....	1	.....
Laredo.....	Sept. 24-Dec. 21	1,008	107	
Minera.....	To Nov. 28.....	137	11	Mining camp near Laredo.
San Antonio	Oct. 21-Nov. 28	43	16	One case at Fort Sam Houston.
Dewitt County.....	Oct. 26-Nov. 4	5	1	

Weekly mortality table, cities of the United States.

Weekly mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population United States census of 1900.	Total deaths from all causes.	Deaths from—						
				Tuberculosis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.
New York, N. Y.	Dec. 12	3,437,202	1,315	166						15
Niagara Falls, N. Y.	do	19,457	8							3
Norristown, Pa.	do	22,265	3							1
North Adams, Mass.	do	24,200	4						1	
Northampton, Mass.	do	18,643	9	1						
Omaha, Nebr.	do	102,555	21							
Oneonta, N. Y.	do	7,147	0							
Philadelphia, Pa.	do	1,293,697	496	51	16				12	3
Pittsburg, Pa.	do	321,616	154	17	8				15	1
Plainfield, N. J.	do	15,369	5						4	
Port Huron, Mich.	do	19,158	5	2						2
Portland, Me.	Dec. 5	50,145	18	1					1	
Do.	Dec. 12	50,145	16	2					1	
Providence, R. I.	do	175,597	24	6					1	3
Quiney, Mass.	do	23,899	12	1						2
Reading, Pa.	Dec. 14	78,961	21	1						
Rochester, N. Y.	Dec. 7	162,608	62	4					4	
Do.	Dec. 14	162,608	53	4					1	7
Salt Lake City, Utah.	Dec. 12	53,531	15	1					1	
San Francisco, Cal.	Dec. 6	342,782	150	17					2	3
Santa Barbara, Cal.	do	6,587	5							3
Scranton, Pa.	Dec. 12	102,026	37						1	
Shreveport, La.	do	16,013	6	1						
Somerville, Mass.	do	61,643	22	3					2	1
South Bend, Ind.	do	35,999	8	1						
Steelton, Pa.	do	12,068	5	1						
Taunton, Mass.	do	31,036	11							
Titusville, Pa.	do	8,244	2							
Toledo, Ohio.	do	131,822	39	2					1	5
Trenton, N. J.	do	73,307								1
Waltham, Mass.	do	23,487	9							
Weymouth, Mass.	do	11,324	4							
Williamsport, Pa.	do	28,757	5							
Wilmington, Del.	do	76,508	30	2					1	3
Winona, Minn.	do	19,714	10							
Worcester, Mass.	do	118,421	40	3					1	1
Youngstown, Ohio.	do	44,883	8	1						1

FOREIGN AND INSULAR.

CHINA.

Report from Hongkong—Cholera—No communicable diseases.

Passed Assistant Surgeon McMullen reports, November 12, as follows: Week ended November 7, 1903: Ten vessels, with 844 crew and 883 passengers (195 cabin and 688 steerage), were inspected and granted bills of health; 414 crew and 598 steerage were bathed and their baggage disinfected—1,025 pieces; one vessel was fumigated to kill rats.

During the time covered by this report there were no communicable diseases reported.

Immigrants recommended for rejection.

Nineteen immigrants per steamship *China* for San Francisco were recommended, November 5, for rejection on account of trachoma.

CUBA.

Report from Habana.

Assistant Surgeon Trotter reports, December 10, as follows: Week ended December 5, 1903:

Vessels inspected and issued bills of health.....	30
Crew of outgoing vessels inspected	1,082
Passengers of outgoing vessels inspected	465
Pieces of freight inspected	750

Mortuary report of Habana for week ended December 5, 1903.

Disease.	Number of deaths.
Tuberculosis	18
Pneumonia.....	4
Bronchitis.....	3
Scarlet fever	4
Meningitis	2
Tetanus	1
Malarial fever.....	1
Enteritis	1
Cancer	2

Total deaths from all causes, 110.

Report from Matanzas.—Diphtheria.

Acting Assistant Surgeon Nunez reports, December 14, as follows: Week ended December 12, 1903. Two bills of health were issued to vessels leaving for the United States.

A new case of diphtheria was reported on the 10th instant on the outskirts of this city, where it is conveniently isolated. No other case of contagious or infectious disease has been reported.

Following are the mortuary statistics of the city of Matanzas during the first ten days of the present month.

	Number of deaths.	Bertillon number.
Debility, congenital	2	151
Tuberculosis	3	27
Uremia	1	120
Bright's disease	1	120
Insufficiency, mitral	1	79
Organic lesion of heart (unclassified)	2	79
Alcoholism	1	56
Senility	1	151
Meningitis	1	61
Broncho-pneumonia	1	92
Angina pectoris	1	80
Total	15	

Estimated population, 48,000; annual average of mortality per 1,000, 11.46.

Report from Santiago—Month of November, 1903—Death from leprosy—Improved sanitary conditions.

Acting Assistant Surgeon Wilson reports, December 9, as follows:

Month ended November 30, 1903: Bills of health issued to 18 vessels, which is an increase of one over October.

The number of deaths was 65, which is a decrease compared with October, also lower than for November of 1901 and of 1902. There was 1 death from leprosy.

There were 2 cases of diphtheria and 2 of haemoglobinuric fever, all of which recovered.

The condition of the city is about the same as last month, perhaps slightly improved, as the weather has been dry and the stagnant pools have been drying up.

Report for the month of November, 1903.

Bills of health issued	18
Crews	589
Passengers	269
Vessels quarantined	0
Vessels disinfected	0
Certificates issued:	
(a) Immune	0
(b) Nonimmune	0
Applicants for immune certificates rejected	0
Persons vaccinated	0
Pieces of baggage outbound:	
(a) Inspected	0
(b) Disinfected	0
Deaths from yellow fever	0
Deaths from other contagious diseases	^a 1
Deaths from all causes (stillbirths not counted)	65
Cases of quarantinable diseases reported in city	0
Cases of other contagious diseases reported in city	^b 2
Certificates issued for shipping remains of dead bodies to the United States	0

^a Leprosy.

^b Diphtheria.

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EGYPT.

Measures adopted by foreign governments with regard to arrivals from Egypt.

[Translated in this Bureau from the Bulletin Quarantenaire, Alexandria, November 26, 1903.]

CYPRUS.—November 24, 1903. Quarantine imposed on arrivals from Egypt has been reduced to forty-eight hours, with disinfection at Larnaka, from November 24.

GREECE—*Athens*.—November 20. Hereafter arrivals from Egypt shall be subject to quarantine of forty-eight hours.

OTTOMAN EMPIRE—*Pera*.—November 24. Observation for forty-eight hours against Alexandria is discontinued and replaced by inspection, disinfection, and destruction of rats in a period of time not exceeding twenty-four hours.

ROUMANIA.—October 31. Quarantine against arrivals from Port Said. The ports of Constanza and Mangalia are open to these arrivals, and importation of merchandise is authorized.

GERMANY.

Report from Berlin—Plague and cholera in various countries.

Consul-General Mason reports, December 3, as follows:

Plague.

Egypt.—During the period from the 14th to the 20th of November no fresh cases of plague were recorded.

British India.—During the week ended November 10 there were registered in the city of Bombay 58 fresh cases of plague and 56 deaths; 7 cases and 6 deaths in Karachi; 38 cases and 37 deaths in Broach, and 513 cases (446 deaths) in Bhavnagar.

Cholera.

Turkey.—According to Bulletin No. 35 of November 16, regarding cholera in Syria, Palestine, and Mesopotamia, there have been registered 116 new cases of cholera (with 114 deaths).

Death rate of Berlin and other cities.

The death rate of Berlin for the week ended November 14 was lower than it had been for the past six weeks, amounting, calculated on the year, to 13.7 per 1,000 of the population as compared with 14.9 in the foregoing week, and was thus not much higher than the rate for the corresponding week of last year, in which it amounted to 13.4. Only one-fourth of the large German cities could show during the period in question more favorable conditions than Berlin, among these being Frankfort-on-the-Main, Hanover, Leipzig, Dresden, and Schöneberg (with the minimum of 7.8). The mortality figures of the following cities were considerably higher than the Berlin rate, namely: Hamburg, Munich, Stuttgart, Brunswick, Cologne, Königsberg, Charlottenburg, as well as London, Paris, and Vienna, while the death rate

of the following cities was higher yet, viz: Nuremberg, Carlsruhe, Aix, Düsseldorf, Breslau. The decrease in the number of deaths was distributed equally among children in the first year of life and the higher-age classes. The death rate among infants amounted to 3.7 per year and mille, half the rate of Munich and Nuremberg and considerably lower than the Leipzig and Hamburg figures. There was a noticeable abatement of acute diseases of the intestines, which caused, however, 32 deaths. On the other hand, there was an increase in the cases of acute disease of the respiratory organs, which caused 53 deaths. Furthermore, there were registered 78 deaths from phthisis pulmonalis, 36 deaths from cancer, 2 deaths from diphtheria, 7 deaths from scarlet fever, 6 deaths from influenza, and 18 persons died by violence.

The death rate of Berlin for the week ended November 21 was somewhat higher than that of the foregoing week, amounting, calculated on the year, to 14.5 per thousand of the population, this rate agreeing almost exactly with that of the corresponding week of last year, in which it amounted to 14.4. Of the large German cities, during this week, two-thirds showed less favorable conditions than Berlin, the following towns among others having considerably higher death rates, viz: Charlottenburg (with 15.8), Nuremberg, Leipzig, Bremen, Brunswick, Magdeburg, Cologne, Munich, Königsberg, Breslau, as well as London, Paris, and Vienna. On the other hand, the following cities had lower death rates than Berlin, namely: Hamburg, Hanover, Frankfort on the Main, Stuttgart, Carlsruhe, and Schöneberg (with the minimum 8.3). The increase in the number of deaths was more noticeable among children in the first year of life than among the higher age classes. The infant mortality rate rose from 3.7 in the foregoing week to 4.2 per year and mille this week, this being only half the Munich rate, but higher than that of Hamburg. Both acute diseases of the respiratory organs and acute intestinal diseases showed an increase—the former causing 60, the latter 40, deaths. Furthermore, there were registered 68 deaths from phthisis pulmonalis, 27 deaths from cancer, 9 deaths from scarlet fever, 5 deaths from diphtheria, 4 deaths from measles, 3 deaths from influenza, and 16 persons died by violence.

INDIA.

Report from Calcutta—Inspection of vessel.

Passed Assistant Surgeon E. K. Sprague reports, November 19, as follows:

During the week ended November 14, 1903, one ship left the port of Calcutta bound for the United States with a crew of 16 Europeans and 31 Lascars. The clothing and effects of the Lascars were disinfected by steam.

ITALY.

Report from Naples—State of public health in Italian cities.

Passed Assistant Surgeon Eager reports, December 4, as follows: The publications of the office of hygiene and public health, Naples, give

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the following figures for the mortality in Italian cities during the first six months of the current year:

	Population.	General mortality.
Naples	569,114	7,611
Rome	488,476	5,067
Milan	510,201	5,713
Turin	346,833	3,912
Genoa.....	250,762	2,668
Venice	166,522	1,841

The number of deaths from smallpox and pulmonary tuberculosis were, in the same period, as follows:

	Smallpox.	Pulmonary tuberculosis.
Naples	1	456
Rome	2	391
Milan	0	579
Turin	5	441
Genoa.....	0	299
Venice	0	150

JAPAN.

Report from Yokohama—Improvement in the plague situation—Cholera in Nagasaki under control.

Assistant Surgeon Moore reports, November 25, as follows:

During the week ended November 21, 1903, seven steamers, having an aggregate personnel of 634 crew and 894 passengers, were inspected; 209 steerage passengers were bathed, their clothing being disinfected.

The official report of contagious diseases in Yokohama for the week ended November 14 includes the following: Enteric fever, 9 cases, 3 deaths; diphtheria, 3 cases, 1 death; plague (doubtful), 2 cases, 1 death. Similarly for the week ended November 21: Enteric fever, 4 cases, 2 deaths; scarlet fever, 1 case, no deaths; diphtheria, 6 cases, 1 death.

The stringent preventive measures recently enforced seem to have resulted in an improvement in the plague situation. During the present year, up to and including November 21, 1903, there have been reported in Yokohama 39 cases of plague, with 31 deaths; also 3 cases of doubtful plague, 2 of which terminated fatally. During the same period there have been no cases of true cholera in this city, the cases of this disease reported in the press lacking official confirmation. During the present year only 2 cases of smallpox, with no deaths, have occurred in Yokohama.

The cholera situation in Nagasaki seems to be well in control. Since the beginning of the present outbreak in that place (October 22–November 20) 148 cases, with 80 deaths, have been recorded. This includes suspicious cases.

Immigrants for San Francisco and Honolulu recommended for rejection.

Number of aliens recommended for rejection on steamship *Doric*, for San Francisco, November 25, 1903, 1.

Number of aliens recommended for rejection on steamship *Doric*, for Honolulu, November 25, 1903, 7.

MEXICO.

Report from Tampico—No yellow fever reported in Tampico—Stegomyiae present.

Temporary Acting Assistant Surgeon Lippincott reports, December 6, as follows: Two weeks ended December 5, 1903:

Bills of health issued.....	11
Vessels inspected and passed.....	9
Vessels disinfected and passed.....	2
Personnel of crew.....	287
Passengers.....	10
Baggage—pieces.....	11

There were 28 deaths recorded during this period, of which 2 were from caquexia palustre, 2 from tuberculosis, 1 from pernicious fever, and 23 from noncontagious causes.

There were no cases of or deaths from yellow fever officially reported during this period. It is therefore evident that the situation in Tampico has greatly improved, although the surrounding country is still badly infected, especially in the Huasteca district.

The stegomyiae are still present in considerable numbers, although the temperature has fallen since the recent northerns.

In view of the fact that there have been no cases of yellow fever within the last fifteen days, vessels from to-day will be given clean bills of health.

TURKEY.

Regulations adopted with regard to pilgrims from the Hedjaz.

OTTOMAN EMPIRE.

[Translated in this Bureau from the Bulletin Quarantenaire, Alexandria, November 26, 1903.]

List of susceptible articles and merchandise.

Susceptible articles and merchandise are:

Body clothing, clothing in use, used bedclothing; used utensils; bundles left by soldiers and sailors and returned to their homes; rags, not excepting those compressed into bales by hydraulic pressure; used sacking; used matting; skins with the wool or hair on, used as carpets or mattresses; used carpets and draperies; green leather; untanned skins; fresh skins; fresh animal refuse, nails, hoofs, horsehair, raw skin, silk and wool, and hair; postal packages containing the articles named above and samples of the said articles. Finally, all merchandise whether baled or mixed with material of the same nature as the articles above enumerated.

Disinfection is applied only to articles and merchandise considered contaminated and coming from ports where cholera, plague, or yellow

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fever exists. It should be applied in such a manner as to injure the articles as little as possible.

Merchandise should not be detained in quarantine an indefinite time. Prohibition, pure and simple, and disinfection are the only measures which may be taken.

Letters and correspondence, printed matter, books, journals, business documents (not including postal packages) shall not be subjected to any restriction nor to disinfection.

Instruction in the method of disinfection.

Clothing, rags, dressings, and other articles which have been used by cholera patients shall be burned.

Contaminated or suspect clothing, bed clothing, mattresses, carpets, etc., shall be disinfected for fifteen minutes in stoves having a signal thermometer, at a temperature of not less than 100° C. in the interior of a mattress.

Linen, clothing, and articles soiled by dejecta from the sick shall be immersed for a period of six hours in a bichloride solution. Articles which can not bear the stove temperature without deterioration, such as leather, joiner's work, felt, velvet, silk, shall be washed with the solution.

Carbolic acid solutions (5 per cent) shall be used for articles which can not bear either the stove temperature (100° C.) or treatment with sublimate.

Milk of lime is especially recommended for disinfection of dejecta and vomit.

Disinfection of vessels on which cholera, yellow fever, or plague has broken out shall be as follows:

Cabin walls shall be brushed down with the following-named solutions:

Crude carbolic acid	5
Black or green potash soap.....	5
Water, heated to 50°.....	100

This solution shall be applied as hot as possible. The place shall then be washed with a sublimate solution to which 10 per cent of alcohol has been added. The washing shall begin with the upper part of the wall, following a horizontal line and descending gradually, so that the entire surface shall be covered with the liquid.

The floors shall be washed with the same solution, and two hours after the walls and the floor shall be washed thoroughly with water. Bilge water and water in the engines shall be disinfected with quick-lime in such proportion as to form a solution of 5 per cent or less.

The quantity of lime necessary to sterilize bilge water shall be calculated as follows:

One cubic meter of milk of lime at 5 per cent (ordinary milk of lime at 20 per cent diluted with 3 times its volume of water) to 25 meters of keel length, or a fraction of 25 meters.

The 5 per cent solution shall be poured directly into the reservoir containing the water through a large opening. It should be thoroughly mixed with the water by the aid of a broom. The walls of the space shall be brushed with the broom dipped into the milk of lime.

After contact of twelve hours the water shall be emptied outside the port. No water on board shall be emptied in port.

The requirements of circulars No. 233, of August 31, 1899, and No. 180, of January 28, 1902, relative to the destruction of rats at lazarettoes and on board vessels, shall be vigorously applied.

Foreign and insular statistical reports of countries and cities—Yearly and monthly.

BRAZIL—*Ceara*.—Month of October, 1903. Estimated population, 50,000. Total number of deaths, 70, including 3 from scarlet fever.

FRANCE—*Roubaix*.—Month of November, 1903. Estimated population, 124,660. Total number of deaths, 149, including diphtheria 1, enteric fever 2, scarlet fever 2, and 2 from whooping cough.

Rouen.—Month of October, 1903. Estimated population, 116,316. Total number of deaths, 213, including enteric fever 1, whooping cough 2, smallpox 3, and 45 from tuberculosis.

JAMAICA—*Kingston*.—Month of November, 1903. Estimated population, 46,542. Total number of deaths 84, including 20 from phthisis pulmonalis.

JAPAN—*Nagasaki*.—Ten days ended November 20, 1903. Estimated population, 148,883. Total number of deaths not reported. Two deaths from diphtheria, 1 death from enteric fever, and 18 deaths from cholera reported.

SWITZERLAND.—Reports for the two weeks ended November 21, 1903, from 18 cities and towns having an aggregate population of 790,000, show a total of 432 deaths, including diphtheria 5, enteric fever 1, measles 1, scarlet fever 2, whooping cough 1, and 50 from phthisis pulmonalis.

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Cholera, yellow fever, plague, and smallpox, June 27, 1903, to December 25, 1903.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from United States consuls through the Department of State and from other sources.]

[For reports received from December 27, 1902, to June 26, 1903, see PUBLIC HEALTH REPORTS for June 26, 1903.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy	July 19-Aug. 1	-----	650	
Hankow.....	Sept. 5-Sept. 19	4	2	
Hongkong	June 6-Oct. 31	9	4	
Shanghai.....	Aug. 1-Oct. 10	-----	90	Two cases from a vessel; 1 case on Br. ss. Olivebank.
Tientsin	Sept. 5-Sept. 19	3	1	Imported via ss. Shenkin.
India:				
Bombay	May 20-Aug. 22	-----	19	
Calcutta.....	May 22-Nov. 11	-----	320	
Chefoo	Sept. 5-Sept. 12	1	1	
Karachi	June 1-June 7	1	1	
Madras.....	June 6-Oct. 9	-----	21	
Japan:				
Kobe	Sept. 27-Oct. 3	2	1	
Nagasaki.....	Aug. 11-Nov. 20	169	92	
Philippine Islands:				
Manila	May 2-Oct. 24	761	670	
Provinces	do	25,629	19,142	
Straits Settlements:				
Singapore	May 16-Nov. 7	-----	298	
Turkey:				
Arghani-Maaden	Oct. 6	2	-----	
Diarbekir	Oct. 8	-----	5 deaths daily.	
Gergen	Oct. 6	4	-----	
Severek	Oct. 8	-----	Present.	
Syria	Aug. 8-Nov. 2	5,760	1,542	

YELLOW FEVER.

Brazil:				
Pernambuco	June 16-June 30	-----	1	
Rio de Janeiro.....	May 17-Nov. 15	-----	32	One new case.
Colombia:				
Panama	June 8-Sept. 28	43	15	
Costa Rica:				
Limon.....	June 11-Oct. 29	49	29	One case on ss. Westgate.
Matina	Aug. 20	2	-----	
San José	do	2	-----	Imported.
Zent	do	-----	4	
Cuba:				
Habana	July 7-Nov. 14	7	2	One from Ward Line ss. Vigilancia, from Progreso; 1 from Sp. ss. Alfonso XIII; 1 on Am. ss. Monterey, from Progreso; 2 on Ger. ss. Prinz Adalbert, from Vera Cruz and Tampico, and 2 cases and 1 death from ss. Paloma, from Guanta, Venezuela.
Ecuador:				
Guayaquil.....	May 2-Nov. 28	-----	9	
Jamaica:				
Port Royal	Oct. 11-Nov. 21	5	1	Sporadic.
Mexico:				
Altamira	July 18	-----		
Cardenas	July 10	1	1	
Citas	Aug. 23-Oct. 24	148	56	
Ciudad Victoria	Oct. 4-Dec. 5	-----	60	Five new cases.
Coatzacoalcos	July 19-Dec. 5	6	3	Three cases imported.
Doña Cecilia	July 11-Nov. 4	2	-----	
El Higo.....	Aug. 15	-----		
Linares	To Dec. 5	2,011	366	
Merida	Jan. 1-Dec. 5	214	85	
Mexico	Aug. 10-Oct. 4	-----	3	
Monclova	Nov. 17-Nov. 25	6	4	
Monterey.....	Nov. 7	500	-----	
Motul	Sept. 6-Sept. 26	1	-----	
Motzorongo	July 20	-----		Do.
Nuevo Laredo.....	Sept. 15-Nov. 28	66	29	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Mexico—Continued.				
Orizaba	May 17-July 6	12	.....	Eleven cases imported from Vera Cruz.
Progreso	Jan. 1-Nov. 7	19	5	
Quintana Roo	Sept. 26	1	1	
Reata	Nov. 26	1	.....
Salina Cruz	Aug. 9-Nov. 28	23	11	
San Luis Potosi	July 31 .....	.....		Present.
Tampico	June 13-Nov. 28	.....	305	One on American schooner Alverda S. Elzey.
Tamuin	Aug. 15 .....	.....		Present.
Tehuantepec	Aug. 9-Nov. 28	.....	16	One new case.
Teran	Aug. 27 .....	.....		Present.
Tierra Blanca	July 20 .....	.....		Do.
Valladolid	Aug. 9-Sept. 26	2	.....	One from Br. ss. Trader, probably infected on shore. One on Br. ss. Kassala, probably infected on shore.
Vera Cruz	June 13-Dec. 12	955	319	
Victoria	Aug. 10	3	1	
Zongolica	To July 11	5	.....
Venezuela:				
Barquesimeto	July 31-Oct. 21	.....	2	Present.
Cagua	Sept. 1 .....	.....	
Caracas	Sept. 15 .....	.....	1	
Maracaibo	July 5-Oct. 24	2	2	
Puerto Cabello	Sept. 20-Sept. 26	.....	1	
Tocuyo	July 31-Oct. 16	.....	.....	Do.

PLAQUE.

Africa:				
Cape of Good Hope (Port Elizabeth, East London, King Williams Town, and Queenstown included).	May 2-Oct. 24	83	4	
Natal (Durban and Pietermaritzburg included).	Apr. 18-July 25	22	8	
Australia:				
Queensland, Brisbane	May 9-Sept. 12	21	11	
Bundaberg	May 16-June 13	3	1	
Townsville	Sept. 4	1	1	
Western Australia, Freemantle, Perth.	June 10-Oct. 13	2	.....
New South Wales, Sydney	June 13-July 11	2	.....
Bolivia:				
La Paz	Aug. 13 .....	.....		Present.
Brazil:				
Para	Nov. 1-Nov. 7	2	1	
Pernambuco	Oct. 17-Oct. 31	.....	6	
Rio de Janeiro	May 24-Nov. 15	.....	221	Forty new cases.
Sergipe	Sept. 30 .....	.....		Prevailing.
Chile:				
Concepcion, vicinity of	July 11 .....	.....		Present.
Iquique	May 15-Sept. 30	182	108	
Pisagua	July 11 .....	.....		Do.
Valparaiso	To Aug. 24	9	2	
China:				
Amoy	May 10-Aug. 1	.....	1,740	Estimated.
Canton	May 12 .....	.....		Increasing.
Fuchau	July 15 .....	.....		Becoming epidemic.
Heung Shan	May 12 .....	.....		Do.
Honam	do .....	.....		Increasing.
Hongkong	Jan. 1-Nov. 13	1,420	587	
Newchwang	Sept. 1-Oct. 3	465	414	
Sguu Tak	May 12 .....	.....	
Yeung Kong	do .....	.....	
Egypt:				
Alexandria	May 19-Nov. 13	124	79	
Beni Mazar	June 6-June 19	3	.....
Damiette	June 13-Oct. 1	26	17	
Port Said	May 23-Aug. 7	22	10	
Tantah	June 20-July 9	7	3	
District of Embabek	May 30-June 6	1	1	
District Galiab	do	1	1	
District Magagha	May 23-June 6	3	2	
District Minieh	do	1	.....
District Samalut	May 23-Nov. 13	.....	4	
District Tukh	May 30-June 27	25	4	
France:				
Marseille	To Sept. 15	10	5	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAQUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Formosa	Jan. 1-Sept. 30	915	750	
Germany: Berlin	June 5-June 18	1		Nurse of case previously reported.
Hawaiian Islands: Hilo	Sept. 15	2	2	
Honolulu	June 24-Sept. 12	6	4	
India: Bombay Presidency and Sind—				
Northern Division	May 2-Oct. 31	7,765	6,231	
Central Division	do	42,305	26,771	
Southern Division	do	54,166	39,791	
Sind	do	828	614	
Political charges	do	35,871	25,168	
Madras Presidency	do		9,509	
Bengal—				
Calcutta	do		358	
Presidency	do	143	138	
Burdiwan	do	74	70	
Bhagalpur	do	20	17	
Patna	do	1,637	1,311	
Chota Nagpur	Sept. 20-Oct. 31	194	151	
United Provinces—				
Allahabad	May 2-Oct. 31	1,274	1,111	
Benares	do	735	454	
Fyzabad	do	458	376	
Gorakhpur	do		436	
Meerut	do		502	
Lucknow	do	517	429	
Agra	do		118	
Rohilkhand	June 6-Oct. 31	3	3	
Punjab—				
Jullunder	May 2-Oct. 31	19,508	11,966	
Lahore	do	19,508	13,719	
Rawalpindi	do	18,681	11,924	
Multan	do	1,326	678	
Delhi	do	9,148	6,660	
Burma—				
Rangoon	do	1		
Central Provinces—				
Nerbudda	do	2,076	1,758	
Nagpur	do	2,684	2,649	
Jubbulpore	do	535	364	
Chhattisgarh	Sept. 26-Oct. 31	1,819	1,645	
Assam	May 16-Oct. 31	31	9	
Coorg	June 6-Oct. 31	64	27	
Mysore State	May 2-Oct. 31	10,004	7,009	
Hyderabad	do	8,624	7,357	
Berar	do		1,633	
Rajputana	do	532	283	
Central India	do	13,582	11,991	
Kashmir	do	592	431	
N. W. F. Province	May 16-Oct. 31	2	2	
Italy, Liguria	Sept. 14-Sept. 20	1	1	
Japan:				
Nagasaki	May 21-Aug. 18	3	2	Two cases and 1 death on Russian war vessel Otvazny, from Shanghai.
Shidzuoka Ken	July 11	1	1	
Yokohama	Jan. 1-Nov. 21	39	31	One case on Japanese ss. Kaga Maru, from Seattle. Ports of call, Hiogo and Hongkong.
Mauritius	May 21-Nov. 12	704	199	
Mexico: Bagio	Aug. 17	3		
Sequeros	Aug. 18	3		
New Caledonia	July 26-Aug. 13	88	71	
Peru: Arequipa	Aug. 13			Present.
Mollendo	do			Do.
Pacasmayo	do			Do.
Philippine Islands: Cebu	Sept. 1-Sept. 30	11	8	
Manila	Apr. 11-Oct. 24	128	117	
Turkey: Smyrna	Sept. 29		1	
Straits Settlements: Singapore	June 14-Aug. 1		20	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Argentina: Buenos Ayres.....	May 1-Sept. 30	.....	47	
Austria-Hungary: Prague	May 31-Nov. 28	114	.....
Belgium: Antwerp .....	.....do.....	33	14	
Brussels	June 6-Nov. 14	.....	44	
Ghent	May 16-July 4	.....	7	
Liege	May 23-Sept. 5	3	3	
Brazil: Pernambuco	June 3-Oct. 31	.....	123	
Rio de Janeiro	May 17-Nov. 15	.....	425	Thirty-six new cases.
British Guiana: Demerara	Aug. 29-Sept. 26	613	4	Feb. 10-Sept. 26, 1,475 cases, 6 deaths.
Canada: British Columbia, Vancouver.....	Aug. 1-Aug. 31	1	.....
Cape Breton, Sydney.....	Oct. 8.....	11	.....
Manitoba, Winnipeg.....	July 12-Nov. 14	2	.....
New Brunswick, Lansdowne.....	Aug. 28.....	6	.....	Imported.
Ontario.....	May 1-Oct. 31	114	3	
Quebec	Sept. 28-Oct. 3	1	.....
Canary Islands: Las Palmas.....	May 16-June 13	46	.....
Chile: Antofagasta	May 1-Oct. 31	.....	96	
China: Hongkong.....	May 2-Oct. 3	16	5	
Shanghai.....	May 9-Aug. 15	.....	6	
Colombia: Barranquilla	Aug. 10-Nov. 29	.....	15	
Bocas del Toro	June 9-Sept. 15	65	11	
Costa Rica: Limon.....	Sept. 3-Sept. 17	2	1	On ss. Altai, from Savanilla.
Siquires	Sept. 9.....	1	.....
Cuba: Habana	Sept. 30.....	1	.....	On a steamer from Trujillo, Honduras.
Ecuador: Guayaquil.....	July 5-Nov. 28	.....	5	
Formosa:	Apr. 1-Aug. 31	8	.....
France: Lyon	Nov. 15-Nov. 21	.....	1	
Marseille	May 1-Nov. 30	.....	127	
Paris	Aug. 2-Nov. 28	26	15	
Rouen	Aug. 1-Oct. 31	.....	8	
Germany: Bremen.....	Aug. 1.....	1	1	On ss. Bremen.
Kehl.....	May 1-May 31	13	.....
Great Britain: Birmingham	June 6-Dec. 5	60	2	
Bradford	June 6-Oct. 24	172	9	
Bristol	June 6-Oct. 3	3	.....
Cardiff	May 2-June 6	28	.....
Dublin	June 6-Sept. 5	46	8	
Dundee.....	June 6-Sept. 12	15	.....
Edinburgh	July 4-July 11	1	.....
Glasgow	Sept. 19-Dec. 4	99	10	
Leeds	June 6-Oct. 21	145	5	
Leith	Oct. 4-Oct. 10	1	.....
Liverpool	June 6-Oct. 24	204	25	
London	June 14-Nov. 28	188	.....
Manchester	June 6-Nov. 28	75	6	
Newcastle-on-Tyne .....	.....do.....	111	8	
Nottingham	May 23-Nov. 28	32	1	
Sheffield	May 31-Oct. 24	15	.....
Southampton	June 14-Dec. 5	2	.....
South Shields	Aug. 9-Oct. 24	4	.....
Sunderland	June 6-Aug. 15	1	1	
West Hartlepool.....	June 14-Aug. 22	5	.....
Greece: Athens	Oct. 4-Oct. 10	1	.....
Hawaiian Islands: Honolulu	Sept. 1-Sept. 30	3	2	
India: Bombay	May 19-Nov. 24	.....	194	
Calcutta	May 3-Sept. 12	.....	13	
Karachi	May 25-June 7	4	.....
Madras	May 23-June 19	.....	2	

From ss. St. Paul from New York.

December 25, 1903

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Italy:				
Catania	Aug. 21-Dec. 3	17		
Milan	June 1-June 30	1		
Palermo	Oct. 18-Nov. 21	3		
Rome	May 24-May 30	1		
Japan:				
Kobe	May 23-June 30	5	1	
Nagasaki	June 11-June 20	1		
Yokohama	Jan. 1-Sept. 19	2		
Java:				
Batavia	Sept. 28-Nov. 7	98	27	
Malta	Oct. 4-Nov. 14	10	2	
Mauritius, Port Louis	Oct. 4			Present.
Mexico:				
Coatzacoalcos	June 20-June 27	1		
Merida	Oct. 11-Oct. 24	3		
Mexico	June 7-Nov. 29	161	101	
Monclova	Dec. 10	1		
Tampico	July 12-Nov. 23	4		
Vera Cruz	July 11-Sept. 5	5	2	One case from vessel from Tampico.
Netherlands:				
Amsterdam	July 25-Nov. 14	23	3	
Philippine Islands:				
Cebu	Aug. 1-Sept. 30	13	5	
Manila	Apr. 11-Oct. 24	77	19	
Porto Rico:				
San Juan	Sept. 9-Oct. 31	4		
Russia:				
Moscow	May 23-Nov. 21	63	37	
Odessa	July 26-Nov. 21	30	3	
Riga	Apr. 1-June 30		65	
St. Petersburg	May 31-Nov. 21	552	31	
Warsaw	May 16-Nov. 21		48	
Spain:				
Barcelona	July 22-Nov. 7		25	
Cadiz	May 1-May 31	1		
Corunna	Nov. 22-Nov. 28		1	
Straits Settlements:				
Singapore	July 12-Aug. 22		2	
Switzerland:				
Geneva	Aug. 16-Aug. 22	1		
Zurich	June 6-June 13	1		
Turkey:				
Constantinople	June 14-Nov. 29		134	
Smyrna	May 25-Nov. 22		606	
Uruguay:				
Montevideo	June 1-Sept. 5	14		
Venezuela:				
Barquisimeto	June 1-July 31			Present.
Bolivar	Oct. 5			Do.
Caracas	Aug. 28			Smallpox prevalent.
El Coro	Aug. 10			Present.
San Felipe	Oct. 14			Do.
La Pascua	Aug. 1			Do.
Maturin	Aug. 17			Do.
Puerto Cabello	Aug. 28			Smallpox prevalent.
Quibor	June 1-July 31			Present.
Toeyno	Oct. 16			Smallpox prevalent.
Yaritagua	Sept. 22			Do.

December 25, 1903

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
St. Georges, Bermuda	Nov. 21	2,189	1										
St. John, N. B.	Dec. 12	40,711	11									1	
St. Johns, W. I.	Nov. 21	15,844	16										
Do	Nov. 28	15,844	17										
St. Petersburg	Nov. 21	1,450,000	569 132							9 9	19	16 4	
St. Stephen, N. B.	Dec. 12	2,840	1										
Santa Cruz de Teneriffe	Nov. 21	36,500	11 1										
Santander	Nov. 30	53,574	30										
Singapore	Oct. 31	97,111	242 34			35							
Southampton	Nov. 28	110,120	32 5										
South Shields	do	105,325	23 1							2	1		
Stockholm	Nov. 14	305,115	67 13							2		1	
Tampico	Dec. 5	20,000	14										
Tuxpan	Dec. 1	7,000	8										
Utilia	Nov. 28	932											
Do	Dec. 5	932											
Venice	Nov. 14	166,522	49 7							1	1	1	
Warsaw	Nov. 7	756,000	351 33					1		9 32	9 23	4	
Winnipeg	Dec. 5	60,000	2							2 1			

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Surgeon-General, Public Health and Marine-Hospital Service.



